



# Leak Detection Test Reporting Requirements for Gilbarco ATG Static Leak Detection

## BUREAU OF WEIGHTS & MEASURES

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## RESOURCES

More information on applicable Wisconsin laws can be found at these links:

### Wis. Admin. Code § ATCP 93.510

[https://docs.legis.wisconsin.gov/code/admin\\_code/atcp/090/93/V/510](https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510)

### Wis. Admin Code § ATCP 93.515

[https://docs.legis.wisconsin.gov/code/admin\\_code/atcp/090/93/V/515](https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515)

### Materials Approval Page

[https://datcp.wi.gov/Pages/Programs\\_Services/MaterialApprovalsLeakDetection.aspx](https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx)

### Gilbarco

<http://www.gilbarco.com/us/>

### Approval #2002005R1

<https://datcp.wi.gov/Documents/ER-BST-MA-20020005R1.pdf>

## When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.
- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.
- Below are test report examples that your Gilbarco ATG system will print. You are required to submit the test reports when renewing your annual permit to operate. You will need to know which test report your system will produce depending on how your service company programmed your ATG monitor.

## Gilbarco EMC Models

BUSINESS NAME  
ADDRESS  
CITY, ST ZIP

START IN-TANK LEAK TEST  
TEST BY PROGRAMMED TIME  
DEC 1, 2015 12:00 AM

TEST LENGTH 5 HOURS

T 1:UNLEADED  
VOLUME = 5486 GALS  
ULLAGE = 5941 GALS  
90% ULLAGE = 4798 GALS  
TC VOLUME = 5510 GALS  
HEIGHT = 43.58 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 53.6 DEG F

STOP IN-TANK LEAK TEST  
T 1:UNLEADED  
DEC 1, 2015 5:00 AM

LEAK TEST REPORT  
T 1:UNLEADED

TEST STARTING TIME:  
DEC 1, 2015 12:00 AM

TEST LENGTH = 5.0 HRS  
STRT VOLUME = 5510.5 GAL

LEAK TEST RESULTS  
0.20 GAL/HR TEST **PASS**

STOP IN-TANK LEAK TEST  
T 1:DIESEL  
JUL 19, 2015 5:00

BUSINESS NAME  
ADDRESS  
CITY, ST

JUL 19, 2015 5:00

LEAK TEST REPORT

T 1:DIESEL  
PROBE SERIAL NUM 123456

TEST STARTING TIME:  
JUL 19, 2015 0:00

HEIGHT = 61.0 INCHES  
WATER = 0.0 INCHES  
TEMP = 67.3 F

TEST LENGTH = 5.0 HRS  
STRT VOLUME = 6674.5 GAL  
PERCENT VOLUME = 71.0

LEAK TEST RESULTS  
RATE = 0.00 GAL/HR  
THRS = -0.13 GAL/HR  
0.20 GAL/HR TEST **PASS**

or

(over)

## Gilbarco TM-2 and TM-3

BUSINESS NAME  
ADDRESS  
CITY  
STATE, ZIP CODE

GILBARCO  
TM-2  
TANK LEVEL SENSOR

INVENTORY REPORT  
JAN 13, 2016  
12:00 AM

TANK 1  
REGULAR  
4690 GALLONS FUEL  
3289 GALS ULLAGE  
51.49 INCHES FUEL  
0.0 INCHES WATER  
44.2 DEGREES F

START LEAK MONITOR  
JAN 13, 2016  
12:00 AM

TANK 1  
REGULAR

STOP LEAK MONITOR  
JAN 13, 2016  
6:00 AM

LEAK MONITOR REPORT

TEST STARTING TIME:  
JAN 13, 2016  
12:00 AM

TEST HOURS 1-5

TNK 1

DEGREES F  
44.2

GALLONS  
0.2  
0.3  
0.3  
0.2  
0.4

DEGREES F  
44.2

FINAL LEAK RATE:  
0.20  
GAL/HR

TANK	GAL/HR	TEST
1	0.08	PASSED

If you have questions about how your Gilbarco ATG system works please contact your service company or [Gilbarco](#) directly. You can also find further information about your specific leak detection equipment on the materials approval page of our [website](#). The Gilbarco material approval number is [2002005R1](#).

## Leak detection FAQs:

- *What is leak detection?*  
“Leak Detection” means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.
- *What is “ATG”?*  
“Automatic Tank Gauging” (ATG) or “Automatic Leak Detection” means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.
- *What is static testing?*  
[Wisconsin Administrative Code §§ ATCP 93.510](#) and [93.515](#) require all new and existing underground tank systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is “static” leak detection testing.

A static test monitors the integrity of the tank system by measuring changes in product volume/level. This type of test may require the tank system to be shut down for several hours, during which time there should be no dispensing or delivery of product. The test must be performed with a minimum amount of product as determined by the manufacturer of the system